



Semestral Plan for Sec 3 NA Mathematics Syllabus A 2023

The document captures the curriculum and assessment plan for Sec 3 Normal Academic for the year.

1 Curriculum Plan

| Tentative Week | Topics to cover |
|--|--|
| Term 1 Week 1 – 4 | Chapter 1 – Algebraic Manipulation |
| Term 1 Week 5 – 8 | Chapter 2 – Quadratic Equations |
| Term 1 Week 6 | Weighted Assessment 1 |
| Term 1 Week 9 | Chapter 3 – Graphs of Quadratic Functions and Equations |
| Term 1 Week 10 | WEALTH Week |
| 12th to 20th March | MARCH HOLIDAYS |
| Term 2 Week 1 | Chapter 3 – Graphs of Quadratic Functions and Equations |
| Term 1 Week 2 – 5 | Chapter 4 – Indices |
| Term 2 Week 4 | Weighted Assessment 2 |
| Term 2 Week 6 – 8 | Chapter 5 – Congruency and Similarity |
| Term 2 Week 9 – 10 | Chapter 6 – Coordinate Geometry |
| 28th May to 26th June | JUNE HOLIDAYS |
| Term 3 Week 1 | Chapter 6 – Coordinate Geometry |
| Term 3 Week 2 – 3 | Chapter 7 – Graphs of Power Functions and Exponential Functions (Unit 7.1 to 7.3) |
| Term 3 Week 3 | Weighted Assessment 3 |
| Term 3 Week 4 – 6 | Chapter 8 – Trigonometric Ratios of Acute Angles |
| Term 3 Week 7 – 10 | Chapter 9 – Further Trigonometry |
| 3rd to 11th Sep | SEPTEMBER HOLIDAYS |
| Term 4 Week 1 – 2 | Revision |
| Term 4 Week 3 – 4 | End of Year Examination |
| Term 4 Week 5 – 6 | Go through End-of-Year Exam papers |
| Term 4 Week 7 – 9 | Secondary 3 Headstart Programme |
| | Chapter 7 – Graphs of Power Functions and Exponential Functions (Unit 7.4 and 7.5) |

2 Assessment Plan

- **Weighted Assessments (WA)**
- **End-of-Year Examination (EYE)**

| Semester | Semester 1 | | Semester 2 | |
|---------------------|---|------------------|------------------|----------------------------------|
| Term | Term 1 | Term 2 | Term 3 | Term 4 |
| Types of Assessment | WA 1 | WA 2 | WA 3 | End-of-Year examination |
| Weightage | 15% | 15% | 15% | 55% |
| Tentative Date | Term 1 Week 6 | Term 2 Week 4 | Term 3 Week 3 | Term 4 Week 3 – 4 |
| Topics Covered | Chapter 1 and selected lower sec topics (algebra) | Chapter 2 – 4 | Chapter 5 – 7.3 | Refer to End of Year Exam Format |
| Assessment Mode | Written | | | |

- Various modes of formative assessments (quizzes, exit tickets, journal writing, project work, etc) are conducted regularly to assess students' learning progress.

3 End-of-year Exam Format

| Paper | Weightage | Duration | Remarks |
|---------|-----------|-----------|---|
| Paper 1 | 50% | 1.5 hours | <ul style="list-style-type: none"> • Chapters 1 – 9 (exclude 7.4 and 7.5) • 50 marks • Answer on spaces provided |
| Paper 2 | 50% | 1.5 hours | <ul style="list-style-type: none"> • Chapters 1 – 9 (exclude 7.4 and 7.5) • 50 marks • Section A: Last question will be on Problems in Real World Context. • Section B: Choose 1 out of 2 questions. • Answer on spaces provided |

4 Absence from tests

- (a) Medical certificates must be produced if student is absent for the test.
- (b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.
- (c) Absence from any test without a valid reason will result in zero mark for the test.
- (d) Do note that student will have to do a make-up test on the day he/she returns to school.

With this information, we hope all students will better prepare themselves for the heavy academic demands this academic year.

Do feel free to contact the Mathematics teachers should further clarification is needed on this matter.

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